

**ABSTRACT**

A phosphor element (10) includes an electron hole injection electrode (2) and an electron injection electrode (8) disposed opposite to each other, an electron hole transport layer (3), a phosphor layer (4), and an electron transport layer (7) stacked in this order from the side of the electron hole injection electrode toward the side of the electron injection electrode. The stacked layers are sandwiched between the electron hole injection electrode and the electron injection electrode, and. The phosphor layer is formed of an inorganic phosphor material (4) in which at least one part of the surface is covered with an organic material (5).